

	Current XRef	Retrieval Classif	Inventor
1			Ibsen, Per Eld et al.
2	385/37; 398/87		Rose, Bjarke et al.
3	356/450; 398/1; 398/141; 398/201; 398/212; 398/87		Fishman; Ilya M.
4	369/112.27; 369/112.29; 369/44.23; 369/44.28; 369/44.29		Bischel; William K. et al.

	Document ID	Kind Codes	Source	Issue Date	Pages
1	US 20030067645 A1		US- PGPUB	20030410	46
2	US 20020154855 A1		US- PGPUB	20021024	44
3	US 6111679 A		USPAT	20000829	14
4	US 5835458 A		USPAT	19981110	110

	Title
1	Wavelength division multiplexed device
2	Wavelength division multiplexed device
3	Method and system for optical multichannel transmission using coherence division multiplexing with optical filtering
4	Solid state optical data reader using an electric field for routing control

	U	1	Document ID	Issue Date	Pages
1	X	X	US 20030067645 A1	20030410	46
2	X		US 20020154855 A1	20021024	44
3	X		US 6111679 A	20000829	14
4	X		US 5835458 A	19981110	110

	Title	Current OR	Current XRef
1	Wavelength division multiplexed device	398/79	
2	Wavelength division multiplexed device	385/24	385/37; 398/87
3	Method and system for optical multichannel transmission using coherence division multiplexing with optical filtering	398/82	356/450; 398/1; 398/141; 398/201; 398/212; 398/87
4	Solid state optical data reader using an electric field for routing control	369/44.12	369/112.27; 369/112.29; 369/44.23; 369/44.28; 369/44.29

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Ibsen, Per Eld et al.							
2		Rose, Bjarke et al.							
3		Fishman; Ilya M.							
4		Bischel; William K. et al.							

	Image Doc. Displayed	PT
1	US 20030067645	
2	US 20020154855	
3	US 6111679	
4	US 5835458	

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	98	((((grating\$1 near7 (glass transpaernt transmissive transmisiive silicon)) ((normal side section front back enter\$4) near4 grating\$1)) and (((grating near1 diffract\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1))) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)) and integrat\$4) not (((grating same diffract\$4 same integrat\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)))	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/06/07 17:20
2	BRS	L2	98	((((grating\$1 near7 (glass transpaernt transmissive transmisiive silicon)) ((normal side section front back enter\$4) near4 grating\$1)) and (((grating near1 diffract\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1))) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)) and integrat\$4) not (((grating same diffract\$4 same integrat\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)))	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/06/07 17:22

	Comments	Error Definition	Errors
1			
2			

	Type	L #	Hits	Search Text	DBs	Time Stamp
3	BRS	L3	4	2 and mold\$5	US- PGPUB; USPAT	2005/06/07 17:24

	Comments	Error Definition	Errors
3			

	Type	Hits	Search Text
1	BRS	0	'10/028419'
2	BRS	0	'10028419'
3	BRS	0	"10028419"
4	BRS	0	"10/028419"
5	BRS	1514	grating same diffract\$4 same integrat\$4
6	BRS	30190	"385"/\$.ccls.
7	BRS	412	(grating same diffract\$4 same integrat\$4) and "385"/\$.ccls.
8	BRS	6485	grating near12 (reflect\$5 mirror\$1) same beam\$1
9	BRS	95664	(reflect\$5 mirror\$1) near9 (film\$3 coat\$4)
10	BRS	154	((grating same diffract\$4 same integrat\$4) and "385"/\$.ccls.) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)
11	BRS	49	((grating same diffract\$4 same integrat\$4) and "385"/\$.ccls.) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)) and ((reflect\$5 mirror\$1) near9 (film\$3 coat\$4))
12	BRS	4	((grating same diffract\$4 same integrat\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)) and ((reflect\$5 mirror\$1) near9 (film\$3 coat\$4))
13	BRS	49	((grating same diffract\$4 same integrat\$4) and "385"/\$.ccls.) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)) and ((reflect\$5 mirror\$1) near9 (film\$3 coat\$4))
14	BRS	609	((grating same diffract\$4 same integrat\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)

	DBs	Time Stamp	Comments	Error Definition
1	US-PGPUB; USPAT	2005/06/07 10:53		
2	US-PGPUB; USPAT	2004/06/16 19:29		
3	US-PGPUB; USPAT	2004/06/16 19:29		
4	US-PGPUB; USPAT	2004/06/16 19:29		
5	US-PGPUB; USPAT	2004/06/17 11:20		
6	US-PGPUB; USPAT	2004/06/17 11:20		
7	US-PGPUB; USPAT	2004/06/17 11:21		
8	US-PGPUB; USPAT	2004/06/17 11:23		
9	US-PGPUB; USPAT	2004/06/17 12:03		
10	US-PGPUB; USPAT	2004/06/17 15:45		
11	US-PGPUB; USPAT	2004/06/17 12:13		
12	EPO; JPO; DERWENT	2004/06/17 12:10		
13	US-PGPUB; USPAT	2004/06/17 12:14		
14	US-PGPUB; USPAT	2004/06/17 13:45		

	Errors	Ref #
1		S26
2		S27
3		S28
4		S29
5		S30
6		S31
7		S32
8		S33
9		S34
10		S35
11		S36
12		S37
13		S38
14		S39

	DBs	Time Stamp	Comments	Error Definition
15	US-PGPUB; USPAT	2004/06/17 15:49		
16	US-PGPUB; USPAT	2004/06/17 18:20		
17	EPO; JPO; DERWENT	2004/06/17 15:39		
18	US-PGPUB; USPAT	2004/06/17 15:43		
19	US-PGPUB; USPAT	2004/06/17 15:45		
20	US-PGPUB; USPAT	2004/06/17 15:47		
21	US-PGPUB; USPAT	2004/06/17 15:47		
22	US-PGPUB; USPAT	2004/06/17 15:47		

	Errors	Ref #
15		S40
16		S41
17		S42
18		S43
19		S44
20		S45
21		S46
22		S47

	DBs	Time Stamp	Comments	Error Definition
23	US-PGPUB; USPAT	2004/06/17 15:47		
24	US-PGPUB; USPAT	2004/06/17 15:49		
25	US-PGPUB; USPAT	2004/06/17 15:50		
26	US-PGPUB; USPAT	2005/06/07 17:20		
27	US-PGPUB; USPAT	2004/06/17 18:25		
28	US-PGPUB; USPAT	2004/06/17 18:26		

	Errors	Ref #
23		S48
24		S49
25		S50
26		S51
27		S52
28		S53

	DBs	Time Stamp	Comments	Error Definition
29	US-PGPUB; USPAT	2004/06/17 19:22		
30	US-PGPUB; USPAT	2004/06/17 19:23		
31	US-PGPUB; USPAT	2004/06/21 18:24		
32	US-PGPUB; USPAT	2004/06/21 18:27		
33	US-PGPUB; USPAT	2004/06/21 18:32		
34	US-PGPUB; USPAT	2004/06/21 18:30		
35	US-PGPUB; USPAT	2004/06/21 18:33		
36	US-PGPUB; USPAT	2004/06/21 18:35		
37	US-PGPUB; USPAT	2004/06/21 18:36		
38	US-PGPUB; USPAT	2004/12/14 16:53		
39	US-PGPUB; USPAT	2004/06/22 13:21		
40	US-PGPUB; USPAT	2004/06/22 13:27		
41	US-PGPUB; USPAT	2004/06/22 15:04		
42	US-PGPUB; USPAT	2004/06/22 15:05		
43	US-PGPUB; USPAT	2004/06/22 15:06		

	Errors	Ref #
29		S54
30		S55
31		S56
32		S57
33		S58
34		S59
35		S60
36		S61
37		S62
38		S1
39		S2
40		S3
41		S4
42		S5
43		S6

	Type	Hits	Search Text
44	BRS	1	S1 and (film\$3 layer\$1)
45	BRS	1	S1 and (film\$3 coat\$4)
46	BRS	1	'10/050572'
47	BRS	0	S9 and ((therm\$5 heat\$5) same oxi\$6)
48	BRS	1	S9 and (therm\$5 heat\$5 oxi\$6)
49	BRS	0	"200201226651"
50	BRS	0	"2002/01226651"
51	BRS	0	"2002/0122651"
52	BRS	1	"20020122651"
53	BRS	1	"6583934".pn.
54	BRS	1	"6583934".pn.
55	BRS	1	S68 and (lens\$2 focus\$4)
56	BRS	1	"6583934".pn.
57	BRS	1	S71 and align\$5
58	BRS	1	'10/028419'
59	BRS	1	S73 and align\$5

	DBs	Time Stamp	Comments	Error Definition
44	US-PGPUB; USPAT	2004/06/22 15:07		
45	US-PGPUB; USPAT	2004/06/22 17:02		
46	US-PGPUB; USPAT	2004/06/22 17:02		
47	US-PGPUB; USPAT	2004/06/22 17:08		
48	US-PGPUB; USPAT	2004/06/22 17:06		
49	US-PGPUB; USPAT	2004/06/22 17:07		
50	US-PGPUB; USPAT	2004/06/22 17:07		
51	US-PGPUB; USPAT	2004/06/22 17:07		
52	US-PGPUB; USPAT	2004/06/22 17:07		
53	US-PGPUB; USPAT	2004/12/15 10:48		
54	US-PGPUB; USPAT	2005/06/07 11:39		
55	US-PGPUB; USPAT	2004/12/15 14:15		
56	US-PGPUB; USPAT	2004/12/15 14:16		
57	US-PGPUB; USPAT	2004/12/15 14:18		
58	US-PGPUB; USPAT	2004/12/15 14:18		
59	US-PGPUB; USPAT	2004/12/15 14:18		

	Errors	Ref #
44		S7
45		S8
46		S9
47		S10
48		S11
49		S12
50		S13
51		S14
52		S15
53		S67
54		S68
55		S69
56		S71
57		S72
58		S73
59		S74

	Type	Hits	Search Text
60	BRS	90	((((grating\$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter\$4) near4 grating\$1)) and (((grating near1 diffract\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1))) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)) and integrat\$4 not (((grating same diffract\$4 same integrat\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)))
61	BRS	1	S76 AND (ALIGN\$5 MOLD\$4)
62	BRS	98	((((grating\$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter\$4) near4 grating\$1)) and (((grating near1 diffract\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1))) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)) and integrat\$4 not (((grating same diffract\$4 same integrat\$4)) and (grating near12 (reflect\$5 mirror\$1) same beam\$1)) and ((DWDM WDM) same grating\$1) and (grating\$1 same (fiber\$1 waveguide\$1)))
63	BRS	4	S78 and mold\$4
64	BRS	0	S76 and (mems micro\$5 microelect\$6)
65	BRS	1	'10/028419'
66	BRS	71	S78 and total
67	BRS	13	S78 and plastic\$3

	DBs	Time Stamp	Comments	Error Definition
60	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/12/15 16:28		
61	US-PGPUB; USPAT	2005/06/07 10:53		
62	US-PGPUB; USPAT	2005/06/07 11:03		
63	US-PGPUB; USPAT	2005/06/07 11:03		
64	US-PGPUB; USPAT	2005/06/07 11:18		
65	US-PGPUB; USPAT	2005/06/07 11:19		
66	US-PGPUB; USPAT	2005/06/07 11:19		
67	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/07 11:29		

	Errors	Ref #
60		S75
61		S77
62		S78
63		S79
64		S80
65		S76
66		S81
67		S82

	Type	Hits	Search Text
68	BRS	13	S78 and plastic\$3
69	BRS	1	"6583934".pn.
70	BRS	1	S84 and (mass\$3 alignm\$4 product\$4)

	DBs	Time Stamp	Comments	Error Definition
68	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/07 11:29		
69	US-PGPUB; USPAT	2005/06/07 11:39		
70	US-PGPUB; USPAT	2005/06/07 11:39		

	Errors	Ref #
68		S83
69		S84
70		S85